

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. NWN02-002-DIV-US	Serial No. 10/671,381
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	First Named Inventor: Chad Mirkin	
	Filing Date: September 25, 2003	Group: 1762

U.S. PATENT DOCUMENTS							
Examiner Initials*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
WPF/	Z1	5,053,100	10/1991	Hayes et al.			
	Z2	5,514,501	05/1996	Tarlov			
	Z4	5,883,387	03/1999	Matsuyama et al.			
	Z5	5,922,214	07/1999	Liu et al.			
	Z7	6,156,215	12/2000	Shimada et al.			
	Z8	6,284,113	09/2001	Bjornson et al.			
	Z10	6,353,219	03/2002	Kley			
	Z11	6,409,900	06/2002	Parce et al.			
	Z12	6,429,025	08/2002	Parce et al.			
	Z13	6,444,111	09/2002	Montgomery			
	Z14	6,555,389	04/2003	Ullman et al.			
	Z15	6,635,311	10/2003	Mirkin et al.			
	Z16	6,642,129	11/2003	Liu et al.			
	Z17	6,827,979	12/2004	Mirkin et al.			
	Z18	6,867,443	03/2005	Liu et al.			
	Z19	6,943,417	09/2005	Boland et al.			
	Z20	7,034,854	04/2006	Cruchon-Dupeyrat et al.			
	Z21	7,042,828	05/2006	Kley			
	Z22	2001/0020588	09/2001	Adourian et al.			
	Z23	2001/0036674	11/2001	Indermuhle et al.			
	Z24	2002/0025279	02/2002	Weigl et al.			
	Z25	2002/0123153	09/2002	Moon et al.			
	Z26	2003/0017077	01/2003	Hahn et al.			
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	Z29	2003/0082080	05/2003	Zimmermann et al.			
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	Z33	7,081,624	07/2006	Liu et al.			
	Z34	2005/0201257	09/2005	Champion et al.			

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Examiner Initials*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/WPF/	Z35	2005/0236566	10/2005	Liu			
↓	Z36	2004/0223886	11/2004	Liu et al.			
↓	Z38	2004/0228962	11/2004	Liu et al.			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/WPF/	Y1	WO 00/41213	07/2000	WO				
↓	Y2	WO 01/91855 A1	12/2001	WO				
↓	Y3	EP 1388369 A2	02/2004	EP				
↓	Y4	EP 0786642 A1	07/1997	EP				
↓	Y6	WO 2004/105046 A2	12/2004	WO				

Examiner Initials*		OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS	
		Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages	
/WPF/	X1	Kim et al., "A novel AFM Chip for fountain pen nanolithography - design and microfabrication," Mat. Res. Soc. Symp. Proc., Vol. 782, pp. A5.56.1-A5.56.6, 2004.	
↓	X2	Xu et al., "Microfabricated quill-type surface patterning tools for the creation of biological micro/nano arrays," Biomedical Microdevices 6:2, pp. 117-123, 2004.	
↓	X3	Deladi et al., "Micromachined fountain pen for atomic force microscope-based nanopatterning," Applied Physics Letters, Vol. 85, No. 22, pp. 5361-5363, 2004.	
↓	X4	Lewis et al., "Fountain pen nanochemistry: atomic force control of chrome etching," Applied Physics Letters, Vol. 75, No. 17, pp. 2689-2691, 1999.	
↓	X5	Baldock et al., "Microfabricated Devices for Chemical and Biochemical Analysis Systems," located at http://www.in.umist.ac.uk/ , presented at Microsystems 2010, Daresbury, Cheshire, 1 page, 2000.	
↓	X13	Bullen et al., "Design, Fabrication, and Characterization of Thermally Actuated Probe Arrays for Dip Pen Nanolithography," J. Microelectromechanical Systems, vol. 13, no. 4, pp. 594-602, August 2004.	
↓	X15	Higa et al., "Fabrication of Microcantilever with a Silicon Tip Prepared by Anodization", Japanese Journal of Applied Physics, Vol. 37, Part 1, No. 12B, pp.7078-7080, 1998.	

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Examiner Initials*		OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
/WPF/	X16	Hong et al., "A nanoplotter with both parallel and serial writing capabilities," Science, Vol. 288, pp. 1808-1811, 2000.
	X17	International Search Report and Written Opinion for PCT Application No. PCT/US04/13974, 9 pages, dated November 30, 2005.
	X18	International Search Report for PCT Application No. PCT/US2004/015161, 7 pages, dated February 10, 2005.
	X21	Wang et al., "Multifunctional probe array for nano patterning and imaging," Nano Letters, vol. 5, no. 10, pp 1867-1872, 2005.
	X33	International Search Report and Written Opinion for PCT Application No. PCT/US20006/035826, 13 pages, dated December 19, 2006.
	X38	Van Zant, "Microchip Fabrication: A Practical Guide to Semiconductor Processing," Chapter 16 Semiconductor Devices and Integrated Circuit Formation, pp. 491-529, 2000.
	X43	Wang et al., "Scanning probe lithography tips with spring-on tip designs: Analysis, fabrication, and testing", Applied Physics Letters, 87, 054102-1 to 054102-3, 2005.
	X47	Zou et al., "A mould-and-transfer technology for fabricating scanning probe microscopy probes," Journal of Micromechanics and Microengineering, Vol. 14, pp. 204-211, 2004.
	X48	Wang et al., "Thermally actuated probe array for parallel dip-pen nanolithography," J. Vac. Sci. Technol. B, 22(6), pp. 2563-2567, 2004
	X49	Zhang et al., "Passive and Active Probe Arrays for Dip-Pen Nanolithography," First IEEE Conference on Nanotechnology, Maui, HI, 5 pages, 2001.
↓	X50	Hong et al., "Multiple Ink Nanolithography: Toward a Multiple-Pen Nano-Plotter", Science, Vol. 286, pp. 523-525, 1999.

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